



SEQUENCE LISTING

<110> AmeriHome Products Corp.  
Susulic, Vedrana S.  
Duzic, Edmir

<120> TRANSCRIPTIONAL REGULATION OF THE HUMAN  
B3-ADRENERGIC RECEPTOR GENE

<130> 0630/0E791

<140> 09/243,335

<141> 1999-02-01

<160> 49

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 12

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 1

gacctctgggg ag

12

<210> 2

<211> 10

<212> DNA

<213> Artificial Sequence

<220>

<223> Oligonucleotide

<400> 2

aggtaaggact

10

<210> 3

<211> 200

<212> DNA

<213> Homo sapien

<220>

<400> 3

cctggaaagga agcctaagca tttgggcctg ggtttaggt gggactcgta acctctccca

60

gcctctgggg agcagcttct ccaatagtca ggggtctcaa tgaccttct tccttccttc cttccttcttc tccttccttc cttccttct tccttccttc cttccttct tccttccttc cttcgtgcca cttgcaaaag	120 180 200
<210> 4	
<211> 9	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Consensus binding site from viral and cellular promoters, where nucleotide 4, 5 and 6 can be A, T, C or G	
<400> 4	
gccnnnngc	9
<210> 5	
<211> 26	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 5	
ctttccctac cgccccacgc gcgatc	26
<210> 6	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 6	
gtggcgccca acggccagtg gccagtc	27
<210> 7	
<211> 27	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Oligonucleotide primer	
<400> 7	
ttggcgctga ctggccactg gccgttg	27
<210> 8	
<211> 25	

<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 8

gcgctagac gaagagcatc acgag

25

<210> 9  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 9

ctcgtatgc tcttcgtcts cgcg

25

<210> 10  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 10

gtgaaggatgc ccatgatgag acccaagg

28

<210> 11  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 11

ccctgtgcac cttgggtctc atcatgg

27

<210> 12  
<211> 22  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 12

cctctgcccc ggttacctac cc

22

<210> 13  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 13

actcaactata gggctcgagc ggc

23

<210> 14  
<211> 25  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 14

ggcagcccac tggtgttggc ggtat

25

<210> 15  
<211> 26  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 15

gttacacctta ggtggaaagg tgcatt

26

<210> 16  
<211> 23  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 16

aagcttagtc ccctccctgt cgt

23

<210> 17  
<211> 17  
<212> DNA  
<213> Artificial Sequence

<220> .  
<223> Oligonucleotide primer  
  
<400> 17  
ctgcagggt tgagaac

17

<210> 18  
<211> 31  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer  
  
<400> 18  
gctagcgaa gtgcaatcta taacacaggg g

31

<210> 19  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer  
  
<400> 19  
gccgacgctg ggattacagg tccgtgc

27

<210> 20  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer  
  
<400> 20  
gtcgacatgc ttaggcttcc ttccagg

27

<210> 21  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer  
  
<400> 21  
gtcgacctt tgcaagtggc acgaagg

27

<210> 22

<211> 26  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide primer

<400> 22  
gtcgacacct gccaggctgc cttctc

26

<210> 23  
<211> 29  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide primer

<400> 23  
gtcgacccta ggtggcagag cgagactct

29

<210> 24  
<211> 31  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide primer

<400> 24  
ggtaccgcaa gtgcaatcta taacacaggg g

31

<210> 25  
<211> 28  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide primer

<400> 25  
ggttaccctt ttgcaagtgg cacgaagg

28

<210> 26  
<211> 20  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide primer

<400> 26  
gttgttccctg ggactcgtga

20

<210> 27  
<211> 34  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 27  
tgggactcgt gacctctccc agccagacgg gagc

34

<210> 28  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 28  
cgttggaaagga agcctaagca t

21

<210> 29  
<211> 21  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide primer

<400> 29  
ggcactgcta ggaacacact c

21

<210> 30  
<211> 20  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 30  
ggtgttagtg ggactcgtga

20

<210> 31  
<211> 24  
<212> DNA  
<213> Artificial Sequence

<220><223> Oligonucleotide  
<400> 31  
gcctctctgg ggagcagctt ctcc

24

<210> 32  
<211> 10  
<212> DNA  
<213> Artificial Sequence

<220><223> Oligonucleotide  
<400> 32

taggcggggc

10

<210> 33  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220><223> Oligonucleotide  
<400> 33

gatccggttg taggtgggac tcgtgaa

27

<210> 34  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220><223> Oligonucleotide  
<400> 34

gatccctatg taggtgggac tcgtgaa

27

<210> 35  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220><223> Oligonucleotide  
<400> 35

gatccggtac aaggtgggac tcgtgaa

27

<210> 36

<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 36

gatccgggttg ttcctgggac tcgtgaa

27

<210> 37  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 37

gatccgggttg taggaccgac tcgtgaa

27

<210> 38  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 38

gatccgggttg taggtggctg tcgtgaa

27

<210> 39  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 39

gatccgggttg taggtgggac agctgaa

27

<210> 40  
<211> 27  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide

<400> 40  
gatccggtgt taggtggac tcgacta

27

<210> 41  
<211> 28  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide

<400> 41  
gatccgcctc tggggagcag cttctcca

28

<210> 42  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>  
<223> Oligonucleotide  
  
<400> 42  
gatcccggtc tggggagcag cttctcca

28

<210> 43  
<211> 28  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide

<400> 43  
gatccgcccag aggggagcag cttctcca

28

<210> 44  
<211> 28  
<212> DNA  
<213> Artificial Sequence  
  
<220>  
<223> Oligonucleotide

<400> 44  
gatccgcctc tcccgagcag cttctcca

28

<210> 45  
<211> 28  
<212> DNA  
<213> Artificial Sequence

<220>			
<223> Oligonucleotide			
<400> 45			
gatccgcctc tgggctccag cttctcca			28
<210> 46			
<211> 28			
<212> DNA			
<213> Artificial Sequence			
<220>			
<223> Oligonucleotide			
<400> 46			
gatccgcctc tggggaggc cttctcca			28
<210> 47			
<211> 28			
<212> DNA			
<213> Artificial Sequence			
<220>			
<223> Oligonucleotide			
<400> 47			
gatccgcctc tggggagcag gaactcca			28
<210> 48			
<211> 28			
<212> DNA			
<213> Artificial Sequence			
<220>			
<223> Oligonucleotide			
<400> 48			
gatccgcctc tggggagcag cttgagga			28
<210> 49			
<211> 389			
<212> DNA			
<213> Homo sapien			
<220>			
<400> 49			
tcccattggc catcctcccc actctccaaat tcggctccag agggccctcc agactataagg			60
cagctgcccc tttaagcgtc gctactcctc ccccaagagc ggtggcaccg agggagttgg			120
ggtggggggga ggctgagcgc tctggctggg acagctagag aagatggccc aggctgggga			180
agtgcgtctc atgccttgct gtcccctccc ctgagccagg tgatttggga gaccccctcc			240

ttccttcttt .ccctaccgccc acacgcgcga cccggggatg gctccgtggc ctcacgagaa 300  
cagctcttccatggc cggacccccc caccctggcg cccaaataccg ccaacacactg 360  
ggctgccagg ggttccgtgg gaggcggca 389